New and Changed Feature Information

This table summarizes the new and changed feature information for the *Interfaces Configuration Guide for Cisco 8000 Series Routers* for Cisco 8000 Series Routers, and tells you where they are documented.

Interface and Hardware Component Features Added or Modified in IOS XR Release 7.0.x

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Table 1: New and Changed Features

Feature	Description	Introduced in Release	Where Documented
IP Event Dampening	The IP Event Dampening feature introduces a configurable exponential decay mechanism to suppress the effects of excessive interface flapping events on routing protocols and routing tables in the network. This feature allows the network operator to configure a router to automatically identify and selectively dampen a local interface that is flapping.	Release 7.0.12	For more information about the feature, see the chapter *IP Event Dampening*.
Extended ACL needs to match on the outer header for IP-in-IP De-capsulation	Extended ACL needs to match on the outer header for IP-in-IP De-capsulation.	Release 7.0.14	For more information about the feature, see the chapter *Configure Tunnels*.

Feature	Description	Introduced in Release	Where Documented
Configuration of IP DSCP in ERSPAN	Configuration of IP DSCP.	Release 7.0.14	For more information about the feature, see the section *Flexible CLI for ERSPAN* in chapter *Configuring Traffic Mirroring*.
Tunnel IP for ERSPAN	Tunnel IP support for ERSPAN	Release 7.0.14	For more information about the feature, see the section *Flexible CLI for ERSPAN* in chapter *Configuring Traffic Mirroring*.
Ability to source ranges of interfaces and SVIs in ERSPAN	Ability to source ranges of interfaces and SVIs in ERSPAN	Release 7.0.14	For more information about the feature, see the section *Flexible CLI for ERSPAN* in chapter *Configuring Traffic Mirroring*.
Sequence bit is set in the GRE header and the value of sequence number is always 0 for ERSPAN packets.	Sequence bit is set in the GRE header and the value of sequence number is always 0 for ERSPAN packets.	Release 7.0.14	For more information about the feature, see the section *ERSPAN* in chapter *Configuring Traffic Mirroring*.
ERSPAN and Security ACL should be separate.	ERSPAN and Security ACL should be separate.	Release 7.0.14	For more information about the feature, see the section *Configuring ACLs for Traffic Mirroring* in chapter *Configuring Traffic Mirroring*.
File Mirroring	File mirroring feature enables the router to copy files or directories automatically from `/harddisk:/mirror` location in active RP to `/harddisk:/mirror` location in standby RP or RSP without user intervention or EEM scripts.	Release 7.0.14	For more information about the feature, see the section *Introduction to File Mirroring* in chapter *Configure Traffic Mirroring*.

Feature	Description	Introduced in Release	Where Documented
Controlling the TTL Value of Inner Payload Header	This feature enables user to control the TTL value of the inner packet's header that is forwarded after de-capsulating the outer IP-in-IP header.	Release 7.0.14	For more information about the feature, see the section Controlling the TTL Value of Inner Payload Header in chapter *Configure Tunnels*.